

September 28, 1902.

5

- ✓ First heavy snow of the season fell at Fort Yellowstone.
- ✓ Robins thronged the cedars (*J. scopulorum*). ✓ Magpie seen.
- ✓ One *Salpinctes* trilled board walk.
- ✓ *Junco meansi*. - Numerous.

September 29, 1902.

- Drove to Gardiner & back. In post saw *Dendroica auduboni* & *D. coronata*.  
✓ *Pica pica hudsonica*. - Three in the road, probably drinking near trough.  
A tame one at Post Office began "talking like a parrot" yesterday - a bird of the year.  
✓ *Otocorys*. - Several seen.

October 3, 1902.

- Drove a mile up the Yellowstone, opposite Gardiner, Montana.
- ✓ Saw a large flock of Canvas-backs & many
  - ✓ Mergansers & other ducks.
  - ✓ Louis saw a goat or Mountain Sheep.
  - ✓ Shot two & saw many cottontails
  - ✓ Lizards were abundant - 4 preserved.
  - ✓ *Myadestes townsendi*. - A number seen on the Gardiner.
  - ✓ *Parus montanus*. - Flock in small creek.
  - ✓ *Ceryle alcyon*. - One at 2 m. bridge.
  - ✓ ? *Oroscoptes*? One in sagebrush.
  - ✓ *Zonotrichia leucophrys*. - Several.
  - ✓ *Sialia arctica*. - Abundant.
  - ✓ *Buteo borealis*. - One.
  - ✓ *Corvus corax*. - Several.
  - ✓ *Merula americana propinqua*. - Several.

Offhand Notes on Birds seen  
in Yellowstone Park between  
April and October, 1902:—

1 Echmophorus occidentalis.—A large  
Grebe supposed to be this was seen  
in Beaver and Twin Lakes.

2 Podilymbus podiceps.—Seen in  
Beaver Lake.

3 Larus argentatus.—Yellowstone Lake  
September + , 1902; Yellowstone River,  
September, 1902.

4 Larus delawarensis.—Fire Hole River  
August , 1902; Yellowstone Lake  
and River September to , 1902.

5 Larus franklinii?—A very  
small Gull was seen on Yellowstone  
Lake and River September to , 1902.

6 Sterna forsteri.—Yellowstone Lake  
and River September to , 1902.

7 Pelecanus erythrorhynchos.—Several  
were seen on Yellowstone Lake, September  
1, 1902. Large numbers breed  
on an island in Yellowstone Lake.  
Miss Jackson has a picture of the  
young.

8. Merganser americanus.—Abundant  
on all waters containing fish; breeds.

9. Anas boschas.—The most abun-  
dant species. A permanent resident;  
breeds ~~in~~ abundantly. Several on the Yellowstone R.  
above the Gardiner R., Oct. 13, 1902.

10 Chaulelasmus streperus.—Mammoth  
Hot Springs (vicinity) throughout September;  
also seen on Beaver and Twin Lake.

11. Mareca americana.—Several  
flocks on Beaver Lake, Swan Lake  
and ponds about Mammoth Hot  
Springs during the last half of  
September, 1902.

12 Nettion carolinensis.—Flocks  
in ponds about Mammoth Hot Springs  
during spring and fall.

13 Dafila acuta.—Flocks on Swan  
and Beaver lakes, and on small  
ponds about Mammoth Hot Springs  
during last half of September, 1902.

14 Aythya americana.—Yellowstone  
Lake and River September to 1902.  
Flock on Yellowstone R., at Sphinx, Oct. 9, 1902.

15 Aythya vallisneria.—Yellowstone  
Lake, near Natural Bridge September  
1, 1902. Flock of



16. Branta canadensis \_\_\_\_\_ - Flock  
at Beaver Lake, August, 1902;  
also at Elk Park, Twin Lakes

Breeds in these waters.

17. Olor \_\_\_\_\_ - Capt. Elever  
✓ Lindsley 1st Cavalry has a mounted  
Swan killed in the Park or near.  
"Swan Lake" a Park name.

18. Ardea herodias \_\_\_\_\_ - One at a  
✓ pond of West Gardiner River, Sept. 19, 1902.

19. Grus canadensis \_\_\_\_\_ - Three Cranes  
✓ seen on fork of E. Gardiner east of  
Mount Evans the first time I went there.

20. Rallus virginianus \_\_\_\_\_ - In cat-tails  
✓ and tules about Mammoth Hot Springs.  
See plant list for dates.

21. Fulica americana \_\_\_\_\_ - Abundant;  
✓ breeds. Last flocks noted Sept. 23.

22. Aegialitis macularia \_\_\_\_\_ - Fire Hole  
✓ River; Yellowstone River between Lake &  
Halls; Gardiner R.; Mammoth Hot Spgs., breeding.

23. Aegialitis vocifera \_\_\_\_\_ - Common Sum-  
✓ mer resident. May to Sept. Jupiter Terrace.  
Oct. 13, 1902. - No Killdeer seen for several weeks past.

24. Dendragapus obscurus \_\_\_\_\_ - Quite  
Common in the Park; also at Crevier  
Mts., Montana. Young collected on Black  
tail Creek (caught by Hawk). Localities:  
Mammoth Hot Springs; Snow Pass;  
East Gardiner; Black-tail Creek;  
Mount Washburn. Eggs found <sup>(May 25, 1902)</sup> the day  
I first fished in Black-tail Creek  
(see plant list for date). Two pairs in Burson  
Peak Oct. 5, 1902; one pair near the summit.

25. Bonasa umbellus umbelloides \_\_\_\_\_ -  
Common in the Park. Seen at Mammoth  
Hot Springs, East Gardiner; Mount  
Washburn, Antelope Creek, Burson  
Peak, ~~etc.~~ near 6 m. post, beyond  
Swan Lake Flat.

26. Genaidura macroura \_\_\_\_\_ - Arrived  
in May and common until  
the end of August. Not noted in  
September, although some may have  
been seen after August.

27. Circus hudsonius \_\_\_\_\_ - Seen  
from April to September 25, 1902.  
Not known to breed, but probably does.

28. Accipiter velox \_\_\_\_\_ - Seen from  
May to September 24, 1902. Not  
common. Probably breeds.

29. Accipiter cooperi \_\_\_\_\_ - Occasionally  
seen. Dates not recorded.



30. Accipiter atricapillus. - Upper  
Geyser Basin, September 1902.

31. Buteo borealis calurus. Abundant  
April to Oct. Breeds. One was  
eating a Cottontail Sept 27, 1902.  
Spermophile taken from one on Swan  
Lake Flat (mammal skin preserved).  
One was eating a bird near  
Dunraven Pass, Sept. 24, 1902.

32. Buteo latissimus. - One seen  
at Snow Pass road.

33. Aquila chrysaetos. - One seen  
on East Gardner the day we drove  
Mrs. Baker there (for date see plant list).

34. Haliaeetus leucocephalus. - There  
was a nest on Yellowstone Lake  
for many years. Louis saw a pair  
of adults on Yellowstone River the  
day he got the young Dusky Grouse  
(see record book for date).

35. Falco sparverius deserticola. -  
Abundant everywhere; breeds.

36. Pandion haliaetus carolinensis. - A  
common summer resident. First one  
seen the day I took the President of the

N. Pa. R.R. to see the Elm  
Many seen on Yellowstone Canyon  
& Lake September 17 to 19, 1902.  
Nests on rock spires of Gardner,  
Middle Gardner, and Yellowstone rivers.

37. Bubo virginianus. - Resident.  
from April to October. Not common.

38. Ceryle alcyon. - May to Sept.; breeds  
Gardner R., Willow Creek; Gibbon River;  
Fire Hole River; Upper Geyser Basin.

39. Dryobates villosus hyloscopus. -  
Mammoth Hot Springs Sept. 26, 1902.  
Rare. Summit Benson Peak, Oct. 5, 1902.

40. Sphyrapicus varius nuchalis. One  
Sept. 23, 1902. Marks on many cedars.  
collaris (Vigors).

41. Colaptes cafer. - Common  
summer resident; breeds; one  
Sept. 27, 1902. Mt. Washburn Sept 24.

42. Chordeiles virginianus henryi. -  
Not uncommon in summer.

43. Trochilus alexandri. - Rare summer  
resident; pair at Judge Meldrum's

44. Contopus richardsoni. - Noted  
in September.



12

45. Empidonax \_\_\_\_\_ - Some seen, but dates not recorded or species identified.
46. Otocoris alpestris \_\_\_\_\_ - Resident from April to Oct.; breeds.
47. Pica pica hudsonica - Resident; breeds. Gardiner R. to Mt. Washburn and Grand Canyon of Yellowstone + Yellowstone Lake. Oct. 12, 1902. M.H.S.
48. Cyanocitta stelleri annectens - Mammoth Hot Springs & Yellowstone Lake. Resident. Breeds. One in road at post hospital, Oct. 12, 1902. One chased a Red Squirrel Oct. 11-02.
49. Perisoreus canadensis capitalis - Abundant; resident; breeds from Gardiner R. at 7 m. post to Yellowstone L. M.H.S., especially in winter.
50. Corvus corax sinuatus - Commonly seen; resident; not numerous. Mammoth Hot Springs, Gardiner, Yellowstone Lake, Grand Canyon.
51. Neufraga columbiana - Abundant; resident; breeds. M.H.S., Yellowstone Lake, etc. Visit stables. Eat marrow out of soup bones, etc. One died at Stygian Caves Oct. 11, 1902.

One near Gardiner, Wyo., ynd Oct. 13, 1902 - E. M. M.

13

52. Cyanocephalus cyanocephalus - Flock at Horro, Montana (see plant list for date).
53. Molothrus ater - Mammoth Hot Springs in summer. Not common; seen about corral.
54. Sturnella neglecta - Summer resident. April to Sept. 27, 1902. Mammoth Hot Springs. Mount Washburn Sept. 24, 1902. Two near Gardiner, Mont. Oct. 13, 1902.
55. Geococcyx cyanocephalus - Abundant summer resident. May to Sept. Breeds. Immense flocks on Yellowstone Lake + River Sept. 17 to 19, 1902. Two on Yellowstone R., near Hurdley, Oct. 7, 1902.
56. Carpodacus cassinii - Immense flocks in spring April 17 to May, 1902. Summer resident; breeds. Singing, Oct. 11, <sup>and 13,</sup> 1902.
57. Spinus pinus - April 17 to Oct. Summer resident; breeds. Many dead at Stygian Caves in Oct., 1902.
58. Calcarius sp. - April, 1902. Mammoth Hot Springs.
59. Phrynosomus maccourii - Flocks at Mammoth Hot Springs in April & May, 1902.



60. Geococcyx grammacus confinis. - May to Sept. ; breeds ; common. Nested on Capitol Hill, M. H. S. & Swan Lake Flat.
61. Zonotrichia leucophrys. - May to Sept. 28, 1902. Nests at M. H. S.
62. Spizella monticola ochracea. - Mt. Washburn & Antelope Creek. Sept. 24, 1902.
63. Spizella socialis arizonae. - Breeds commonly. May to Sept. Breeds in hospital yard on Lumber Pine & Douglass Spruce.
64. Junco mearnsi. - The common breeding form at Swan Lake Flat, Crevice Mt., etc. Probably several other forms of Junco occur. May dead at Stygian Caves Oct. 11, 1902.
65. Melospiza fasciata montana. - Rare summer resident ; breeds at Mammoth Hot Springs.
66. Melospiza lincolni. - May at Mammoth Hot Springs.
67. Oreospiza chlorura. - Abundant in late August & Sept.

68. Pipilo maculatus subsp.? - One <sup>found</sup> at Mammoth Hot Springs in May 21/02.
69. Pranga ludoviciana. - A common summer resident ; breeds ; many were killed by carbonic acid gas in a cave at Mammoth Hot Springs in 1902. One dead (some time) at Stygian Caves, Oct. 11, 1902.
70. Petrochelidon lunifrons. - Breeds abundantly on buildings at M. H. S., and on cliffs of the Gardiner R. & its tributaries.
71. Tachycineta lepida. - Breeds abundantly at Mammoth Hot Springs and on branches of Gardiner R. One nest in <sup>lumber pine tree</sup> ~~Douglass Spruce~~ at Carrizal, on Yellowstone R., Mont. Commonly nesting in holes in cliffs.
72. Lanius sp. - One seen near Mammoth Hot Springs in spring of 1902.
73. Vireo gilvus. - Breeds at Mammoth Hot Springs.
74. Dendroica aestiva. - Gardiner R. in summer. Not at M. H. S.?
75. Dendroica auduboni. - May to Sept. 29, 1902. Perhaps some were D. coronata. Oct. 1, 1902. Oct. 10, 1902 at M. H. S.

16

76. Geothlypis trichas occidentalis. -  
May to Sept. M. H. S. Breeds.
77. Arreus penicillarius. - Abundant  
in autumn at M. H. S., etc.  
Seen Sept. 27, 1902 in flock. Oct 1, 1902
78. Cinclus mexicanus. - ~~Summer~~ Res-  
ident; breeds. Gardiner R., W. Gar-  
den, Middle Gardiner at 7 mi. post.  
(See plant list for date). One at 2d bridge  
Oct. 9 and 10, 1902.
79. Salpinctes obsoletus. - May to Sept. 28,  
1902. M. H. S., Gardiner R. + its branches.  
Common summer resident. Breeds.
80. Winter Wren or House Wren? One  
at Larry's camp Upper Geyser Basin  
Sept. 17, 1902.
81. Cistothorus palustris griseus. -  
Mammoth Hot Springs.
82. Sitta carolinensis nelsoni  
Resident April to Oct. Breeds.  
Oct 11, 1902 at M. H. S.
83. Sitta canadensis. - First  
seen Sept. 27, 1902.
84. Parus gambeli. - Resident  
Breeds. Abundant. West S. upwards.